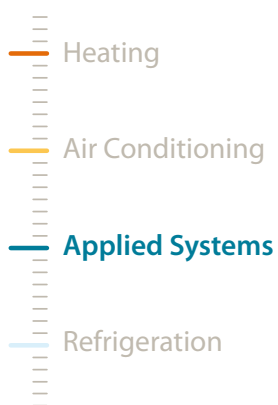




Fan coil units Catalogue

° All Seasons
CLIMATE COMFORT





Daikin Europe N.V.

About Daikin

Daikin has a worldwide reputation based on over 85 years' experience in the successful manufacture of high quality air conditioning equipment for industrial, commercial and residential use. Daikin's much envied quality quite simply stems from the close attention paid to design, production and testing, as well as aftersales support. To this end, every component is carefully selected and rigorously tested to verify its contribution to product quality and reliability.

Fan Coil Units

Fan Coil Units are a highly efficient means of turning a water chiller, heat pump or hot water boiler into an efficient, quiet air conditioning system. These units are an effective solution to provide a comfortable environment for both commercial and residential applications.

Daikin offers a wide range of Fan Coil Units for both concealed and exposed applications. Three models are available in flexible application. The only moving part in the units is the fan, making them ideal for use in offices, hotels and at home. The goal is to obtain the right solution, both technically and aesthetically.

Flexible solutions












Fan Coil Units in combination with chillers and or boilers can be used to provide a broad range of solutions that can be tailored to local conditions such as climate, primary fuel market or building insulation. In warmer climates or when a building is well insulated, Fan Coil Units with a chiller (2-pipe system) can handle both cooling and heating. Here the chiller is capable of operating in cooling as well as heat pump mode. In more severe climates, a boiler can be added (4-pipe system) allowing optimal cooling in the summer using the chiller, and efficient heating in the winter via the boiler. Adding to the flexibility when designing applied systems applications, is the ability to equip the Fan Coil Unit with an optional electric heater. In situations where it is not economical to operate a boiler and where a chiller in heat pump mode is also not desirable, the electric heater can quickly heat up a room. The combinations made possible by the Daikin range of Fan Coil Units allow a chiller-based solution to be optimally designed for just about any application and price range.



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FAN COIL UNITS - PRODUCT PORTFOLIO

Reference				1	2	3	4	5	6	7	8	9	10	11	12	16	18	20	22kW	
FWC-BT/BF	2-pipe	cooling						06	07	08	09									
		heating						06	07	08	09									
	4-pipe	cooling					06	07	08	09										
		heating						06	07	08	09									
FWF-BT/BF	2-pipe	cooling		02	03	04	05													
		heating			02	03	04	05												
	4-pipe	cooling		02	03	04	05													
		heating			02	03	04	05												
FWC-AT/AF	2-pipe	cooling							07	08	09	10	11	12						
		heating							07	08	09	10	11	12						
	4-pipe	cooling			02	03	04	05	06											
		heating												02	03	04	05	06		
FWF-CT	2-pipe	cooling		02	03	04														
		heating			02	03	04													
FWB-BT	2-pipe	cooling		02	03	04	05	06	07	08	09	10								
		heating			02	03	04	05	06	07	08	09	10	11	12					
	4-pipe	cooling		02	03	04	05	06	07	08	09	10								
		heating		02	03	04	05	06	07	08	09	10	11	12						
FWB-JT/JF	2-pipe	cooling		02	03	04	05	06	07	08	09	10	11							
		heating			02	03	04	05	06	07	08	09	10	11						
	4-pipe	cooling		02	03	04	05	06	07	08	09	10								
		heating (4-pipe)			02	03	04	05	06	07	08	09	10							
FWT-BT	2-pipe	cooling		02	03	04	05	06												
		heating			02	03	04	05	06											
FWL-DT/DF	2-pipe	cooling		01	02	03	04	05	06	07	08	09	10							
		heating			01	02	03	04	05	06	07	08	09	10						
	4-pipe	cooling		01	02	03	04	05	06	07	08	09	10							
		heating			01	02	03	04	05	06	07	08	09	10						
FWM-DT/DF	2-pipe	cooling		01	02	03	04	05	06	07	08	09	10							
		heating			01	02	03	04	05	06	07	08	09	10						
	4-pipe	cooling		01	02	03	04	05	06	07	08	09	10							
		heating			01	02	03	04	05	06	07	08	09	10						
FWD-AT/AF	2-pipe	cooling				04	05	06	07	08	09	10	11	12	13	14	15	16	17	
		heating				04	05	06	07	08	09	10	11	12	13	14	15	16	17	
	4-pipe	cooling				04	05	06	07	08	09	10	11	12	13	14	15	16	17	
		heating				04	05	06	07	08	09	10	11	12	13	14	15	16	17	
FWV-DT/DF	2-pipe	cooling		01	02	03	04	05	06	07	08	09	10							
		heating			01	02	03	04	05	06	07	08	09	10						
	4-pipe	cooling		01	02	03	04	05	06	07	08	09	10							
		heating			01	02	03	04	05	06	07	08	09	10						

FAN COIL UNITS - ACCESSORIES

Type: FWM-DT/DF, FWL-DT/DF, FWV-DT/DF	1	2	3	4	6	8	10	FWV	FWL	FWM
Description										
Additional single row heat exchanger	ESRH02A6		ESRH03A6	ESRH06A6		ESRH10A6		x	x	x
Electric heater	EEH01A6	EEH02A6	EEH03A6	EEH06A6		EEH10A6		x	x	x
2-pipe 3-way valve		E2MV03A6		E2MV06A6		E2MV10A6		x	x	x
4-pipe 3-way valve		E4MV03A6		E4MV06A6		E4MV10A6		x	x	x
Fan stop thermostat				YFSTA6				x	x	x
Air intake & discharge grille	EAIDF02A6	EAIDF03A6		EAIDF06A6		EAIDF10A6		-	-	x
Supporting feet			ESFV06A6			ESFV10A6		x	-	x
Supporting feet + grille	ESFVG2A6	ESFVG3A6		ESFVG6A6		ESFVG10A6		x	-	-
Fresh air intake	EFA2A6	EFA3A6		EFA6A6		EFA10A6		x	-	-
Rear panel	ERP2A6	ERP3A6		ERP6A6		ERP10A6		x	x	-
Control electromechanical				ECFWMB6				x	x	x
Electronic controller				FWEC1A, FWEC2A, FWEC3A				x	x	x
Master slave option				EPIMSB6				x	x	x
Vertical drainpan				EDPVA6				x	x	x
Horizontal drainpan				EDPHA6				-	x	x
On board installation kit				FWECKA				x	x	-
Temperature sensor kit				FWTSKA				x	x	x
Relative humidity sensor kit				FWHSKA				x	x	x
On board FCU controller installation kit				FWECKA				x	x	-

Type: FWB-BT	2-4	5-7	8-10
Description			
Additional heat exchanger	EAH04A6	EAH07A6	EAH10A6
3-way valve add. h/e		E2MV307A6	E2MV310A6
3-way valve cooling h/e		Factory mounted	
2-way valve add. h/e		E2MV207A6	E2MV210A6
2-way valve cooling h/e		Factory mounted	
Electric Heater		Factory mounted	
Fan stop thermostat		YFSTA6	
Power interface	-	-	EPIB6
Master slave interface		EPIMSB6	
Electronic controller		FWEC1A	
		FWEC2A	
		FWEC3A	
Temperature sensor kit		FWTSKA	
Relative humidity sensor kit		FWHSKA	
On board installation kit		FWECKA	

Type: FWB-JT/JF	02 - 11
Description	
2-pipe 3-way valve	MCWCN
4-pipe 3-way valve	MCWHN

Type: FWD-AT/AF	4	6	8	10	12	16	18
Description							
Electric heater: small	(1) EDEH04A6	EDEH06A6	EDEH10A6		EDEH12A6	EDEH18A6	
Electric heater: big	EDEH04A6	EDEH06A6	EDEH10A6		EDEH12A6	EDEH18A6	
2-pipe 3-way valve	(2) ED2MV04A6	ED2MV10A6		ED2MV12A6	ED2MV18A6		
4-pipe 3-way valve	ED4MV04A6	ED4MV10A6		2xED2MV12A6	2 x ED2MV18A6		
Vertical Drainpan		EDDPV10A6			EDDPV18A6		
Horizontal Drainpan		EDDPH10A6			EDDPH18A6		
Fan stop thermostat			YFSTA6				
Fresh air intake	EDMFA04A6	EDMFA06A6	EDMFA10A6	EDMFA12A6		EDMFA18A6	
Electronic controller	(3)		FWEC1A				
			FWEC2A				
			FWEC3A				
Power interface			EPIB6				
Master slave interface			EPIMSA6				
Temperature sensor kit			FWTSKA				
Relative humidity sensor kit			FWHSKA				

- Requires electronic controller
- For FWD 12,16,18AT/AF only motor valve (piping not included)
- Water probe included
- Optional, electrical installation box with earth terminal KJB212A is required, if controller wires need to be installed in the wall.
- Requires electrical installation box with earth terminal KJB311A.
- Requires electrical installation box KJB411A.
- Requires installation box KRP1H98. (FWC)
- Requires installation box KRP1BA101 (FWF)
- Requires electrical installation box with earth terminal KJB212A, if built in the wall.
- Requires valve control PCB EKRP1C11
- i-touch:
 - Not allowed to use the i-touch for an installation with both fan coils and VRV units.
 - Can not be used in combination with fan coil units, that use MOD bus communication.
 - No Airmet or telephone connection possible.»
- Only 1 of these 4 options can be installed on 1 indoor unit.
- Max. 1 KRP1H98 box can be mounted on the unit. Max. 2 PCB's can be mounted in 1 KRP1H98 box. (FWC)
- Max. 2 KRP1BA101 boxes can be mounted on the unit. Max. 1PCB can be mounted in 1 KRP1BA101 box. (FWF)

TYPE	FWC-BT/BF	FWF-BT/BF
Description		
Decoration Panel (RAL 9010 - grey sealings) 4-way blow	-	BYFQ60B
Decoration Panel - Standard (RAL 9010 - grey sealings) Round flow	BYCQ140CW1	
Decoration Panel - White (RAL 9010 - white sealings) Round flow	BYCQ140CW1W	
Sealing member of air discharge outlet	KDBHQ55C140	KDBH44BA60
Panel spacer	-	KDBQ44B60
Long-life filter	KAFP551K160	KAFQ441BA60
Fresh air intake kit - Direct installation type	-	KDDQ44XA60
Fresh air intake kit (20% fresh air) - Direct installation type	KDDQ55C140-1 (*20) / KDDQ55C140-2 (*20)	-
Remote controller - Wireless - H/P	BRC7F532F (*18)	BRC7E530 (*18)
Remote controller - Wireless - C/O	BRC7F533F (*18)	BRC7E531 (*18)
Remote controller - Wired	BRC315D7 (*4)	
Central remote controller	DCS302CA51 (*5)	
Electrical box with earth terminal (3 blocks)	KJB311A	
Unified on/off controller	DCS301BA51 (*9)	
Electrical box with earth terminal (2 blocks)	KJB212A	
Schedule timer	DST301BA51 (*6)(*9)	DST301BA51 (*6)(*9)
Wiring adapter for electrical appendices (1)	KRP2A52 (*7) (*12)	KRP2A52 (*9) (*12)
Wiring adapter for electrical appendices (2)	KRP4AA53 (*7) (*12)	KRP4AA53 (*9) (*12)
Installation box for adapter PCB	KRP1H98 (*13)	KRP1BA101 (*17)
Remote sensor	KRCS01-4	KRCS01-1
Intelligent touch controller	DCS601C51C(*6) (*11)	DCS601C51C (*6) (*11)
Electrical installation box	KJB411A	
Optional PCB for MOD-bus connection	EKFCMBCB7 (*8) (*12)	EKFCMBCB7 (*8) (*12)
2-way valve - On/Off	EKMV2C09B7 (*8) (*10) (*15)	EKMV2C09B7 (*8) (*10) (*16)
3-way valve - On/Off	EKMV3C09B7 (*8) (*10) (*15)	EKMV3C09B7 (*8) (*10) (*16)
Valve control PCB	EKRP1C11	
Remote "On/Off" and "forced off" kit		EKROROA (*17)

Description	material	FWT-BT	FWF-CT	FWC-AT	FWC-AF
Standard wired remote controller with LCD	MERCA	x	x	x	x
Simplified wired remote controller (cooling only)	SRC-COA	x	x	x	-
Simplified wired remote controller (heat pump)	SRC-HPA	x	x	x	x
Wireless controller for cooling only	WRC-COB	x	x	x	-
Wireless controller for heat pump	WRC-HPB	x	x	x	x
Decoration panel (600x600) including wireless controller H/P 2pipes	DCP600TB	-	x	-	-
Decoration panel (900x900 / 2-pipe) including wireless controller H/P 2pipes	DCP900TB	-	-	x	-
Decoration panel (900x900 / 4-pipe) including wireless controller H/P 4pipes	DCP900FB	-	-	-	x

- 2-pipe unit: 1 x valve kit + 1 x installation box for PCB KRP1H98 + 1 x valve control PCB EKRP1C11
4-pipe unit: 2 x valve kit + 1 x installation box for PCB KRP1H98 + 1 x valve control PCB EKRP1C11 (FWC)
- 2-pipe unit: 1 x valve kit + 1 x installation box for PCB KRP1BA101 + 1 x valve control PCB EKRP1C11
4-pipe unit: 2 x valve kit + 1 x installation box for PCB KRP1BA101 + 1 x valve control PCB EKRP1C11 (FWF)»
- This option is needed to create T1 T2 wire.
- It is possible to change the operation mode, but this will not have an impact on the water temperature. (No feed back to water source) It is not possible to select the "auto airflow" setting.
Dry operation can be selected with this remote control, but this function is not available on the FWC model.
- All options are supplied as kit.
- Both parts of the fresh air intake are needed for each unit.

FAN COIL UNITS - CONTROL SYSTEMS

The fan coil units can be operated by different controllers according to the model.



ECFWMB6

ELECTROMECHANICAL BUILT-IN CONTROLLER

- › Fan speed selector
- › Manual cooling/heating changeover.
- › ON/OFF valves can also be controlled with ECFWMB6



BRC315D7

WIRED REMOTE CONTROLLER

- › to control each fan coil unit independently
- › cooling and heating function
- › ON/OFF timer function



BRC7E532F

INFRARED REMOTE CONTROLLER

- › to control each fan coil unit independently
- › cooling and heating function



FWEC1A

ELECTRONIC CONTROLLER

- › Control of on-off valves for two or four pipes systems
- › Control of auxiliary heating element
- › Cooling/heating switching in the following modes: local or remote manual (centralised), automatic (depending on water temperature (optional) or air temperature)
- › Possibility, by means of clean contacts, of remote centralised cooling/heating switching and external activation
- › Temperature sensor kit (accessory FWTSKA)
- › Economy function (setpoint correction by 2.5°C and forcing of the fan to run at minimum available speed)
- › Composed by:
 - lc display
 - keyboard
- › On board and wall mounted installation.
- › Same as FWEC1A with following additional functions:
 - 1) humidity management:
 - display of relative humidity
 - dehumidification function (cooling mode) Manual activation
 - 2) serial communication interface (RS485 bus)
 - possibility to set up a master-slave system up to 247 slave units, inwhich one of the controls plays the role of master and manages all the other slave units. (modbus protocol)



FWEC2A



FWEC3A

- › Composed by:
 - lc display
 - keyboard
- › On board and wall mounted installation.
- › Same as FWEC2A with following additional functions:
 - 1) Back light
 - 2) Proportional valve control (two voltage outputs for the proportional valves)
 - 3) Voltage contact 0-10V (same as 2)
 - 4) Time clock and weekly schedule (on / off or setpoint air)
 - 5) Integration in BMS (already included in the FWEC2A version)
 - 6) Two digital outputs (voltage free) to manage electric heaters with the weekly schedule



MERCA

STANDARD WIRED REMOTE CONTROLLER

- › Fan speed
- › Sleep function
- › Swing
- › Temperature setting
- › Operating mode
- › LCD display
- › ON/OFF switch
- › Real time clock
- › Timer active
- › Timer ON/OFF



SRC-COA



SRC-HPA

SIMPLIFIED WIRED REMOTE CONTROLLER FOR COOLING ONLY & HEAT PUMP

- › Temperature display
- › Temperature setting
- › Timer switch setting
- › ON/OFF switch
- › Fan speed
- › Operating mode
- › Swing
- › "Sleep" function



WRC - COB/HPB

WIRELESS CONTROLLER FOR COOLING ONLY & HEATPUMP

- › LCD display
- › Temperature setting
- › Operating mode
- › Timer switch setting
- › Turbo mode
- › Swing
- › "Sleep" function
- › Real time clock
- › ON/OFF switch
- › Fan speed



FWC-BT/BF



BRC315D7



BRC7E532F



- › 360° air discharge ensures uniform air flow and temperature distribution
- › Modern style decoration panel in white (RAL9010)
- › Fresh air intake for healthy living
- › Comfortable horizontal air discharge ensures draughtfree operation and prevents ceiling soiling
- › Possibility to shut 1 or 2 flaps for easy installation in corners
- › Standard drain pump with 850mm lift



INDOOR UNITS				2-PIPE				4-PIPE			
				FWC06BT	FWC07BT	FWC08BT	FWC09BT	FWC06BF	FWC07BF	FWC08BF	FWC09BF
Cooling capacity	Total capacity	High	kW	5.0	5.6	6.3	7.2	4.9	5.6	6.3	7.2
	Sensible capacity	High	kW	3.4	4.0	4.5	5.3	3.4	3.9	4.4	5.2
Heating capacity	2-Pipe	High	kW	6.3	7.1	8.3	9.5	-			
	4-Pipe	High	kW	-				6.2	6.8	7.8	8.8
Power input	High		W	40	46	58	76	41	47	59	77
Dimensions	Unit	HxWxD	mm	288x840x840				288x840x840			
Weight	Unit		kg	26				29			
Water pressure drop	Cooling		kPa	15	19	26	34	15	19	25	32
	Heating		kPa	15	19	26	34	24	30	38	47
Fan	Type			Turbo fan				Turbo fan			
	Air flow rate	High	m³/h	1,062	1,236	1,518	1,776	1,032	1,200	1,476	1,746
Sound power level	High		dBA	36	39	44	49	36	39	44	49
Sound pressure level	High		dBA	24	28	32	37	24	28	32	37
Power supply	Phase/Frequency/Voltage		Hz/V	1~/50/220-240				1~/50/220-240			



FWF-BT/BF



BRC315D7



BRC7E532F

- › Modern stylish decoration panel in white (RAL9010)
- › Fresh air intake kit available
- › Comfortable horizontal air discharge ensures draughtfree operation and prevents ceiling soiling
- › Possibility to close 1 or 2 flaps for different air flow patterns
- › Drainpump standard mounted (lift: 750mm)



INDOOR UNITS				2-PIPE				4-PIPE			
				FWF02BT	FWF03BT	FWF04BT	FWF05BT	FWF02BF	FWF03BF	FWF04BF	FWF05BF
Cooling capacity	Total capacity	High	kW	1.7	2.8	3.3	4.0	1.7	2.3	2.8	3.5
Sensible capacity				1.3	1.7	2.1	2.7	1.3	1.3	1.7	2.3
Heating capacity	2-Pipe	High	kW	2.6	3.4	4.1	5.3	-			
	4-Pipe	High	kW	-							
Power input	High		kW	67		70	89	67	62	74	93
Dimensions	Unit	HxWxD	mm	285x575x575				285x575x575			
Weight	Unit		kg	19	19	19	19	19	20	20	20
Water pressure drop	Cooling		kPa	6	19	31	42	6	13	21	33
	Heating			6	19	31	42	12	6	9	13
Fan	Type			Turbo fan				Turbo fan			
	Air flow rate	High	m³/h	468	468	660	876	468	438	618	822
Sound power level	High		dBA	40	40	44	49	40	42	46	51
Sound pressure level	High		dBA	27	27	33	39	27	29	35	41
Power supply	Phase / Frequency / Voltage	Hz / V		1 ~ / 50 / 220-240				1 ~ / 50 / 220-240			

* Height includes switch box



FWC08AAT



WRC-COB/HPB



SRC-COA/HPA

- › Wide operating range
- › Quiet operation with auto-swing comfort
- › Easy to install and maintain
- › Flexibility (2-pipe or 4-pipe)
- › 3 speed fan motor
- › Double-intake centrifugal fans
- › 4 way air discharge and air swing
- › Air suction from underneath
- › High power air flow
- › Slim front panel and aesthetic design
- › Removable washable air filter (self-extinguishing class 1)
- › Built-in high pressure drain pump (up to 700mm condensate water can be pumped)
- › Infrared remote controller as standard with decoration panel kit



INDOOR UNITS					2-PIPE					4-PIPE				
					FWC07AT	FWC08AT	FWC10AT	FWC11AT	FWC12AT	FWC02AF	FWC03AF	FWC04AF	FWC05AF	FWC06AF
Power input	High			W	127	151	164	192	253	122	138	153	184	232
Capacity	Cooling	Total	High	kW	6.63	7.50	8.80	9.95	10.80	3.81	3.96	4.63	5.01	5.16
	Cooling	Sensible	High	kW	4.90	5.40	6.40	7.10	7.70	3.40	3.52	4.07	4.40	4.54
	Heating	(2-pipe)	High	kW	8.40	9.50	11.00	12.00	12.90					
	Heating	(4-pipe)	High	kW						10.55	10.99	12.51	13.48	13.77
Dimensions	Height x Width x Depth			mm	335x820x821									
Machine weight				kg	31	32	35	38	40	31	32	35	38	40
Sound level	Sound power		High	dBA	52	55	60	61	64	52	55	60	61	64
Water flow	Cooling			l/h	1,140	1,290	1,514	1,711	1,858	655	681	796	862	888
	Heating			l/h	1,140	1,290	1,514	1,711	1,858					
Water pressure drop	Cooling			kPa	24.8	30.8	41.6	52.2	69.3	3.56	3.78	4.94	5.7	5.96
	Heating			kPa	21.4	26.8	35.3	45.2	64.1					
Fan	Air flow rate		High	m ³ /h	1,310	1,380	1,560	1,740	1,840	1,310	1,380	1,560	1,740	1,840
Standard heat exchanger	Water volume			l	2.69									
Water connections	Std. heat exchanger			inch	3/4"									
Current power input	High			A	0.52	0.64	0.68	0.79	1.06	0.53	0.61	0.67	0.8	1.02
Required power supply					1~/220-240V/50Hz									



FWF-CT



MERCA



SRC-COA/HPA



WRC-COB/HPB

- › Quiet operation with auto-swing comfort
- › Easy to install and maintain
- › 4 way air discharge and air swing
- › Slim front panel and aesthetic design
- › Removable washable air filter (self-extinguishing class 1)
- › Built-in high pressure drain pump (up to 700mm condensate water can be pumped)
- › Wireless controller as standard with decoration panel kit



INDOOR UNITS					2-PIPE		
					FWF02CT		FWF03CT
Power input	High		W		63	64	79
Capacity	Cooling	Total	High	kW	2.49	4.10	4.54
	Cooling	Sensible	High	kW	1.91	2.93	3.37
	Heating	(2-pipe)	High	kW	3.52	4.69	5.28
Dimensions	Height x Width x Depth			mm	250x570x570		
Machine weight				kg	22	23	
Sound level	Sound power			dBA	52	54	56
Water pressure drop	Cooling			kPa	19.00	27.00	29.00
	Heating			kPa	17.00	24.00	27.00
Fan	Air flow rate		High	m³/h	646	680	748
Water connections	Std. heat exchanger			inch	3/4		
Current input	High			A	0.27	0.28	0.34
Required power supply					1~/220-240V/50Hz		



FWB04BT



FWEC1, 2, 3A

- › Low sound power levels and electrical absorption thanks to plastic impeller, ABS winding staircase and improved electric motor
- › Compact dimensions, can easily be mounted in a narrow ceiling void
- › 3, 4 or 6 stage row cooling coil
- › Drain pan to collect the condensate from: heat exchanger and regulating valves
- › 7-speed electrical motors (with thermal protection on windings)
- › All 7 speeds pre-wired in the factory in the terminal block of the switch box
- › The air filter can easily be removed for cleaning



INDOOR UNITS				2-PIPE								
				FWB02BT	FWB03BT	FWB04BT	FWB05BT	FWB06BT	FWB07BT	FWB08BT	FWB09BT	FWB10BT
Cooling capacity	Total capacity	High	kW	2.61	3.14	3.49	5.08	5.45	6.47	7.57	8.67	10.34
	Sensible capacity	High	kW	1.88	2.16	2.34	3.6	3.87	4.4	5.23	5.96	6.9
Heating capacity	2-Pipe	High	kW	5.47	6.01	6.47	10.31	11.39	12.28	15.05	16.85	18.78
	4-Pipe	High	kW	3.14			5.99			12.8		
Power input	High		W	79			154			294		
Dimensions	Unit	HxWxD	mm	239x1,039x609			239x1,389x609			239x1,739x609		
Weight	Unit		kg	23	24	26	31	33	35	43	45	48
	Operation weight		kg	24	26	28	33	35	38	45	48	52
Heat exchanger	Water volume		l	1.1	1.5	2.2	1.6	2.1	3.2	2.1	2.8	4.2
Additional heat exchanger	Water volume		l	0.4			0.6			1.7		
Water flow	Cooling		l/h	448	539	598	873	936	1,111	1,299	1,488	1,774
	Heating		l/h	480	527	567	904	999	1,077	1,319	1,479	1,647
	Additional heat exchanger		l/h	275			526			1,123		
Water pressure drop	Cooling		kPa	8	14	11	15	8	14	21		26
	Heating		kPa	7	10	8	12	7	10	16	15	18
	Additional heat exchanger		kPa	3			5			8		
Fan	Type			Centrifugal - forward blades - directly coupled on fan motor								
	Air flow rate	High	m³/h	400			800			1,200		
	Available pressure	High	Pa	71			65			59		
Sound power level	High		dBA	56			59			69		
Sound pressure level	High		dBA	44.5			47.5			57.5		
Piping connections	Drain	OD	mm	16								
Water connections	Std. heat exchanger		inch	3/4								
	Add. heat exchanger		inch	3/4						1		
Power supply	Phase / Frequency / Voltage		Hz / V	1~ / 50 / 230								
Current input	High		A	0.36			0.73			1.28		



FWB02JT/JF



FWEC1, 2, 3A

- › Wide operating range
- › Quiet operation via enlarged fan wheels
- › Easy maintenance: filter can be removed from both sides and beneath (maximum filter size is 400mm)
- › Flexibility (2-pipe or 4-pipe)
- › 4-speed fan motor
- › Direct driven centrifugal fans
- › Flexibility via interchangeable water connection side
- › High power air flow
- › Available static pressure of 30 Pa
- › Extended drain pan as standard
- › Standard Filter
- › Standard Plenum
- › Insulated with self-extinguishing class 1 heat insulation
- › Electronic room thermostat



INDOOR UNITS				2-PIPE										4-PIPE							
				FWB02JT	FWB03JT	FWB04JT	FWB05JT	FWB06JT	FWB07JT	FWB08JT	FWB09JT	FWB10JT	FWB11JT	FWB02JF	FWB03JF	FWB04JF	FWB06JF	FWB07JF	FWB08JF	FWB10JF	
Indoor units				2-PIPE										4-PIPE							
				02	03	04	05	06	07	08	09	10	11	02	03	04	06	07	08	10	
Cooling capacity	Total capacity	High	kW	1.64	2.67	2.99	3.34	4.81	5.31	6.16	7.26	8.49	8.99	1.67	2.67	3.03	4.88	5.33	6.53	8.21	
	Sensible capacity	High	kW	0.94	1.88	1.95	2.07	3.40	4.15	4.39	5.06	6.37	6.41	0.97	1.83	1.93	3.41	4.01	4.91	6.28	
Heating capacity	2-Pipe	High	kW	2.16	3.62	3.97	4.11	6.30	7.47	8.09	9.64	11.57	11.71	2.12	3.69	3.87	6.40	7.52	9.01	11.09	
	4-Pipe	High	kW	-										2.49	3.92	4.43	6.70	8.16	9.56	11.68	
Power input	High		W	34	53	57	54	86	121	117	134	164	166	34	51	54	84	117	137	163	
Dimensions	Unit	HxWxD	mm	251x814 x590	251x984 x590	251x1,114x590		251x1,314 x590	251x1,564x590		251x1,664 x590	251x1,924x590		251x814 x590	251x984 x590	251x1,114 x590	251x1,314 x590	251x1,564 x590	251x1,664 x590	251x1,924 x590	
Weight	Unit		kg	20.0	23.0	28.0	31.0	33.0	44.0	48.0	52.0	50.0	56.0	22.0	27.0	31.0	36.0	48.0	52.0	56.0	
	Operation weight		kg	20.7	24.0	29.1	32.5	34.4	45.8	50.4	54.6	52.4	59.1	22.9	28.3	32.5	37.9	50.4	54.6	59.1	
Heat exchanger	Water volume		l	0.69	0.95	1.14	1.52	1.44	1.82	2.42	2.62	2.36	3.14	0.92	1.26	1.52	1.92	2.42	2.62	3.14	
Water flow	Cooling		l/h	386	549	739	803	1,022	1,109	1,383	1,523	1,764	1,910	386	530	724	986	1,138	1,296	1,660	
	Heating		l/h	386	549	738	802	1,020	1,107	1,336	1,524	1,764	1,911	387	530	725	985	1,139	1,299	1,660	
	Additional heat exchanger		l/h	-										269	391	493	663	820	924	1,142	
Water pressure drop	Cooling		kPa	10.91	8.34	15.64	11.22	31.31	12.56	7.62	9.83	21.71	16.81	10.95	8.24	15.67	29.95	9.24	12.49	19.38	
	Heating		kPa	8.86	6.76	12.84	9.21	25.87	11.13	6.57	8.60	18.56	14.46	8.94	6.64	12.84	24.16	7.89	9.67	16.50	
	Additional heat exchanger		kPa	-										10.66	24.73	41.72	81.63	25.31	31.33	50.03	
Fan	Type			Direct driven centrifugal fan (forward-curved blades)/hot-galvanised steel																	
	Air flow rate	High	m³/h	262	428	431	428	757	945	950	1,066	1,463	1,341	220	424	437	747	898	1,112	1,385	
	Available pressure	High	Pa	30										30							
Sound power level	High		dBA	47.5	52	49	50	52			55	55.5	56	47	52	50	52		55	56	
Sound pressure level	High		dBA	35.5	40	37	38	40		39.5	43	43.5	44	35	40	38	40	39.5	43	44	
Piping connections	Drain	OD	mm	714	884	1,014		1,214	1,464		1,564	1,824		714	884	1,014	1,214	1,464	1,564	1,824	
Water connections	Std. heat exchanger		inch	3/4										3/4							
Power supply	Phase / Frequency / Voltage		Hz / V	1~ / 50 / 220-240										1~ / 50 / 220-240							
Current input	High		A	0.15	0.24	0.26	0.25	0.39	0.55	0.53	0.61	0.75		0.15	0.23	0.25	0.38	0.53	0.62	0.74	



FWT05,06BT



MERCA



SRC-COB/HPB



WRC-COB/HPB

- › Wide operating range
- › Easy installation and maintenance
- › 3-speed fan motor
- › Double-intake centrifugal fans
- › Excellent air flow and air distribution
- › Flexibility via interchangeable water connection side
- › High power air flow
- › Insulated with self-extinguishing class 1 heat insulation
- › Removable washable air filter (self-extinguishing class 1)
- › Slim and compact aesthetic design
- › Wireless remote control up to 9m distance, availability of a wired or simplified controller
- › LED indicator gives an indication on the (normal or wrong) operation of the unit



INDOOR UNITS				2-PIPE				
				FWT02BT	FWT03BT	FWT04BT	FWT05BT	FWT06BT
Cooling capacity	Total capacity	High	kW	2.34	2.78	3.22	4.54	5.28
	Sensible capacity	High	kW	1.74	2.03	2.35	3.65	4.33
Heating capacity	2-Pipe	High	kW	3.02	3.75	4.10	6.01	6.74
Power input	High		W	24	25	29	66	69
Dimensions	Unit	HxWxD	mm	260x799x198	260x899x198		304x1,062x222	
Weight	Unit		kg	10	12		16	
	Operation weight		kg	10	13		17	
Heat exchanger	Water volume		l	0.49	0.57		0.85	
Water flow	Cooling		l/h	402	478	554	781	908
	Heating		l/h	402	478	554	781	908
Water pressure drop	Cooling		kPa	48.3	64.7	69.3	50.3	69.3
	Heating		kPa	42	58.6	60.6	50.6	70.6
Fan	Type			Direct drive cross flow fan				
	Air flow rate	High	m³/h	467	510	586	1,070	1,121
Sound power level	High		dBA	53		55	61	64
Sound pressure level	High		dBA	40	39	42	49	50
Piping connections	Drain	OD	mm	16			20	
Water connections	Std. heat exchanger		inch	1/2				
Power supply	Phase / Frequency / Voltage		Hz / V	1~ / 50 / 220-240				
Current input	High		A	0.11		0.13	0.29	0.30





FWL03DT/DF



FWL03DT/DF



FWEC1, 2, 3A



ECFWMB6

- › Low sound power levels and electrical absorption thanks to plastic impeller, ABS winding staircase and improved electric motor
- › Quick fixing system for wall or ceiling mounted installation
- › Pre-assembled 3-way/4-port ON/OFF valves are available
- › Valve packages are insulated, no extra drain pan required
- › Valve packages contain balancing valves and sensor pocket
- › Fast-on connections for electrical options : no tools needed
- › Quick removal of washable filter
- › Electric heater : no relay up to 2kW capacity
- › Electronic controller with water probe, available in standard, advanced and advanced plus version



INDOOR UNITS				2-PIPE								4-PIPE							
				FWM01DT	FWM02DT	FWM03DT	FWM04DT	FWM06DT	FWM08DT	FWM10DT	FWM01DF	FWM02DF	FWM03DF	FWM04DF	FWM06DF	FWM08DF	FWM10DF		
Cooling capacity	Total capacity	High	kW	1.54	2.09	2.93	4.33	4.77	6.71	8.02	1.46	1.90	2.87	4.33	4.67	6.64	7.88		
	Sensible capacity	High	kW	1.20	1.51	2.11	3.15	3.65	4.91	5.96	1.14	1.51	2.07	3.15	3.57	4.85	5.85		
Heating capacity	2-Pipe	High	kW	2.14	2.57	3.81	5.63	6.36	7.83	10.03	-								
	4-Pipe	High	kW	-								1.90	2.10	3.08	5.05	5.30	7.91	9.30	
Power input	High		W	37	53	56	98		137	175	37	53	56	98		137	175		
Dimensions	Unit	HxWxD	mm	564x774x226		564x984x226	564x1,194x226		564x1,404x251		564x774x226		564x984x226	564x1,194x226		564x1,404x251			
Weight	Unit		kg	20	21	27	32	33	44		21	22	28	34	35	46			
Heat exchanger	Water volume		l	0.5	0.7	1	1.4		2.1		0.5	0.7	1	1.4		2.1			
Additional heat exchanger	Water volume		l	-								0.2		0.3	0.4		0.6		
Water flow	Cooling		l/h	265	359	504	745	820	1,154	1,343	251	327	494	745	803	1,142	1,355		
	Heating		l/h	265	359	504	745	820	1,154	1,343	196	182	286	396	465	694	816		
Water pressure drop	Cooling		kPa	13		11	12	14	12	19	13		11	12	14	12	19		
	Heating		kPa	9	11	9		10	9	16	7	8	5	10		8	9		
Fan	Type			Centrifugal multi-blade, double suction								Centrifugal multi-blade, double suction							
	Air flow rate	High	m³/h	319	344	442	706	785	1,011	1,393	307	327	431	690	763	998	1,362		
Sound power level	High		dBA	45	50	47	52	56	58	64	45	50	47	52	56	58	64		
Water connections	Std. heat exchanger		inch	1/2					3/4			1/2					3/4		
Power supply	Phase / Frequency / Voltage		Hz / V	1 / 50 / 230								1 / 50 / 230							
Current input	High		A	0.17	0.24	0.25	0.44	0.43	0.60	0.76	0.17	0.24	0.25	0.44	0.43	0.60	0.76		



FWM01, 02DT/DF



FWM01, 02DT/DF



FWEC1, 2, 3A

- › Low sound power levels and electrical absorption thanks to plastic impeller, ABS winding staircase and improved electric motor
- › Quick fixing system for wall or ceiling mounted installation
- › Pre-assembled 3-way/4-port ON/OFF valves are available
- › Valve packages are insulated, no extra drain pan required
- › Valve packages contain balancing valves and sensor pocket
- › Fast-on connections for electrical options : no tools needed
- › Quick removal of washable filter
- › Electric heater: no relay up to 2kW capacity
- › Electronic controller with water probe, available in standard, advanced and advanced plus version



INDOOR UNITS				2-PIPE								4-PIPE							
				FWM01DT	FWM02DT	FWM03DT	FWM04DT	FWM06DT	FWM08DT	FWM10DT	FWM01DF	FWM02DF	FWM03DF	FWM04DF	FWM06DF	FWM08DF	FWM10DF		
Cooling capacity	Total capacity	High	kW	1.54	2.09	2.93	4.33	4.77	6.71	8.02	1.46	1.90	2.87	4.33	4.67	6.64	7.88		
	Sensible capacity	High	kW	1.20	1.51	2.11	3.15	3.65	4.91	5.96	1.14	1.51	2.07	3.15	3.57	4.85	5.85		
Heating capacity	2-Pipe	High	kW	2.14	2.57	3.81	5.63	6.36	7.83	10.03	-								
	4-Pipe	High	kW	-								1.90	2.10	3.08	5.05	5.30	7.91	9.30	
Power input	High		W	37	53	56	98		137	175	37	53	56	98		137	175		
Dimensions	Unit	HxWxD	mm	535x584x224		535x794x224		535x1,004x224		535x1,214x249		535x584x224		535x794x224		535x1,004x224		535x1,214x249	
Weight	Unit		kg	14	15	19	23		32		15	16	20	25		34			
Heat exchanger	Water volume		l	0.5	0.7	1	1.4		2.1		0.5	0.7	1	1.4		2.1			
Additional heat exchanger	Water volume		l	-								0.2		0.3		0.4		0.6	
Water flow	Cooling		l/h	265	359	504	745	820	1,154	1,343	251	327	494	745	803	1,142	1,355		
	Heating		l/h	265	359	504	745	820	1,154	1,343	196	182	286	396	465	694	816		
Water pressure drop	Cooling		kPa	13		11		12	14	12	19	13		11		12	14	12	19
	Heating		kPa	9	11	9		10	9	16	7	8	5	10		8	9		
Fan	Type			Centrifugal multi-blade, double suction								Centrifugal multi-blade, double suction							
	Air flow rate	High	m³/h	319	344	442	706	785	1,011	1,393	307	327	431	690	763	998	1,362		
Sound power level	High		dBA	45	50	47	52	56	58	64	45	50	47	52	56	58	64		
Piping connections	Drain	OD	mm	17								17							
Water connections	Std. heat exchanger		inch	1/2						3/4		1/2						3/4	
Power supply	Phase / Frequency / Voltage		Hz / V	1 ~ / 50 / 230								1 ~ / 50 / 230							
Current input	High		A	0.17	0.24	0.25	0.44	0.43	0.60	0.76	0.17	0.24	0.25	0.44	0.43	0.60	0.76		



FWD04AT/AF



FWD04AT/AF



FWEC1,2,3A

- › Quick fixing system for wall or ceiling mounted installation
- › Straight duct connector is mounted to discharge side
- › Electronic controller with water probe, available in standard, advanced and advanced plus version
- › The air filter can easily be removed for cleaning



INDOOR UNITS				2-PIPE							4-PIPE						
				FWD04AT	FWD06AT	FWD08AT	FWD10AT	FWD12AT	FWD16AT	FWD18AT	FWD04AF	FWD06AF	FWD08AF	FWD10AF	FWD12AF	FWD16AF	FWD18AF
Cooling capacity	Total capacity	High	kW	3.90	6.20	7.80	8.82	11.90	16.40	18.30	3.90	6.20	7.80	8.82	11.90	16.40	18.30
	Sensible capacity	High	kW	3.08	4.65	6.52	7.16	9.36	12.80	14.10	3.08	4.65	6.52	7.16	9.36	12.80	14.10
Heating capacity	2-Pipe	High	kW	4.05	7.71	9.43	10.79	14.45	19.81	21.92	-						
	4-Pipe	High	kW	-													
Power input	High		W	234	349	443		714	1,197		234	349	443		714	1,197	
Dimensions	Unit	HxWxD	mm	280x754x559	280x964x559	280x1,174x559		352x1,174x718	352x1,384x718		280x754x559	280x964x559	280x1,174x559		352x1,174x718	352x1,384x718	
Weight	Unit		kg	33	41	47	49	65	77	80	35	43	50	52	71	83	86
Heat exchanger	Water volume		l	1.06	1.42	1.79	2.38	2.5	4.02	5.03	1.06	1.42	1.79	2.38	2.50	4.02	5.03
Additional heat exchanger	Water volume		l	-							0.35	0.47	0.59		1.42	1.72	
Water flow	Cooling		l/h	674	1,064	1,339	1,514	2,056	2,833	3,140	674	1,064	1,339	1,514	2,056	2,833	3,140
	Heating		l/h	674	1,064	1,339	1,514	2,056	2,833	3,140	349	581	808		1,392	1,856	
Water pressure drop	Cooling		kPa	17	24		16	26	34	45	17	24		16	26	34	45
	Heating		kPa	14	20		13	21	28	37	9	15	13		12	16	
Fan	Type			Centrifugal multi-blade, double suction							Centrifugal multi-blade, double suction						
	Air flow rate	High	m³/h	800	1,250	1,600		2,200	3,000		800	1,250	1,600		2,200	3,000	
	Available pressure	High	Pa	66	58	68	64	97	145	134	63	53	63	59	92	138	128
Sound power level	High		dBA	66	69	72		74	78		66	69	72		74	78	
Piping connections	Drain	OD	mm	16							16						
Water connections	Std. heat exchanger		inch	3/4				1			3/4				1		
Power supply	Phase / Frequency / Voltage		Hz / V	1 ~ / 50 / 230							1 ~ / 50 / 230						
Current input	High		A	0.95	1.58	1.97		3.21	5.37		0.95	1.58	1.97		3.21	5.37	



FWV01, 02DT/DF



FWEC1, 2, 3A



ECFWMB6

- › Low sound power levels and electrical absorption thanks to plastic impeller, ABS winding staircase and improved electric motor
- › Quick fixing system for wall mounted installation
- › Pre-assembled 3-way/4-port ON/OFF valves are available
- › Valve packages are insulated, no extra drain pan required
- › Valve packages contain balancing valves and sensor pocket
- › Fast-on connections for electrical options : no tools needed
- › Quick removal of washable filter
- › Electric heater : no relay up to 2kW capacity
- › Electronic controller with water probe, available in standard, advanced and advanced plus version



INDOOR UNITS				2-PIPE							4-PIPE						
				FWV01DT	FWV02DT	FWV03DT	FWV04DT	FWV06DT	FWV08DT	FWV10DT	FWV01DF	FWV02DF	FWV03DF	FWV04DF	FWV06DF	FWV08DF	FWV10DF
Cooling capacity	Total capacity	High	kW	1.54	2.09	2.93	4.33	4.77	6.71	8.02	1.46	1.90	2.87	4.33	4.67	6.64	7.88
	Sensible capacity	High	kW	1.20	1.51	2.11	3.15	3.65	4.91	5.96	1.14	1.51	2.07	3.15	3.57	4.85	5.85
Heating capacity	2-Pipe	High	kW	2.14	2.57	3.81	5.63	6.36	7.83	10.03	-						
	4-Pipe	High	kW	-							1.90	2.10	3.08	5.05	5.30	7.91	9.30
Power input	High		W	37	53	56	98		137	175	37	53	56	98		137	175
Dimensions	Unit	HxWxD	mm	564x774x226		564x984x226	564x1,194x226		564x1,404x251		564x774x226		564x984x226	564x1,194x226		564x1,404x251	
Weight	Unit		kg	19	20	25	30	31	41		20	21	26	32	33	44	
Heat exchanger	Water volume		l	0.5	0.7	1	1.4		2.1		0.5	0.7	1	1.4		2.1	
Additional heat exchanger	Water volume		l	-							0.2		0.3	0.4		0.6	
Water flow	Cooling		l/h	265	359	504	745	820	1,154	1,343	251	327	494	745	803	1,142	1,355
	Heating		l/h	265	359	504	745	820	1,154	1,343	196	182	286	396	465	694	816
Water pressure drop	Cooling		kPa	13		11	12	14	12	19	13		11	12	14	12	19
	Heating		kPa	9	11	9		10	9	16	7	8	5	10		8	9
Fan	Type			Centrifugal multi-blade, double suction							Centrifugal multi-blade, double suction						
	Air flow rate	High	m³/h	319	344	442	706	785	1,011	1,393	307	327	431	690	763	998	1,362
Sound power level	High		dBA	45	50	47	52	56	58	64	45	50	47	52	56	58	64
Piping connections	Drain	OD	mm	16							16						
Water connections	Std. heat exchanger		inch	1/2					3/4		1/2					3/4	
Power supply	Phase / Frequency / Voltage		Hz / V	1 / 50 / 230							1 / 50 / 230						
Current input	High		A	0.17	0.24	0.25	0.44	0.43	0.60	0.76	0.17	0.24	0.25	0.44	0.43	0.60	0.76



Daikin's unique position as a manufacturer of air conditioning equipment, compressors and refrigerants has led to its close involvement in environmental issues. For several years Daikin has had the intention to become a leader in the provision of products that have limited impact on the environment. This challenge demands the eco design and development of a wide range of products and an energy management system, resulting in energy conservation and a reduction of waste.



Daikin Europe N.V. participates in the Eurovent Certification programme for Air Conditioners (AC), Liquid Chilling Packages (LCP) and Fan Coil Units (FC); the certified data of certified models are listed in the Eurovent Directory. Multi units are Eurovent certified for combinations up to 2 indoor units.



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